

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE	Manual No.:	RFETS/ER-WP-OU 2.5
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	Organization:	Environmental Management

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DOCUMENT CLASSIFICATION REVIEW WAIVER
PER R.B. HOFFMAN, CLASSIFICATION OFFICE
JUNE 11, 1991

A-0002-000037

DOCUMENT MODIFICATION REQUEST (DMR)

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Refer to 1-A01-PPG-001 for Processing Instructions.
Print or Type All Information (Except Signatures)

1. Date

11/9/94

25.

DMR. No. 93-DMR-ERM-041

2. Existing Document Number/Revision

RFP/ER-WP-OU-2.5

3. New Document Number or Document Number if it is to be changed with this

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4. Originator's Name/Phone/Page/Location

J. McLaughlin / 6995 / 080

5. Document Title

F.A.1 OU2 Subsurface IM/IRA IOP for SVE

6. Document Type ☐ Procedure☒ Other IOP

7. Document Modification Type (Check only one)

☐ New ☐ Revision ☐ Intent Change ☒ Nonintent Change ☐ Editorial Correction ☐ Cancellation

8. Item

9. Page

10. Step

11. Proposed Modifications

(1)

22

2.3

Insert at end of subsection 2.3

"A temporary geomembrane consisting of four panels of 40 mil High Density Polyethylene (HDPE) textured on one side to provide slip protection will be placed on the ground over Trench T-3. The panels will be joined as shown in Figure 2.3-1 with approximately 0.5 feet of overlap with a synthetic double back tape supplied by the manufacturer. These seams will then be sealed with a sealant tape supplied by the manufacturer. Large penetrations (those larger than 2 inches in diameter) in the geomembrane may be made by making a cut at the edge of the panel and working it out to the penetration. Smaller penetrations will be made by making a cut at the penetration location. Penetrations will be taped. Quality control of the geomembrane will include inspection of material for flaws and tears and visual inspection of seam taping.

Once the four panels are in place two continuous rows of sand bags will be placed around the outer edge of the panels and down each seam. Sand bags will also be placed in the interior of each panel."

12. Justification (Reason for Modification, EJO#, TP#, etc.)

Per recommendations in the Draft OU2 Subsurface IM/IRA Site No.1 Soil Vapor Extraction Pilot Test Report (November 1994) a geomembrane will be placed on a portion of Trench T-3 where the existing SVE wells are located to evaluate potential increases in contaminant removal rates

If modification is for a new procedure or a revision, list occurring disciplines in Block 13, and enter N/A in Blocks 14 and 15. If modification is for any type of change or a cancellation, organizations are listed in Block 13, then Concuror prints, and signs in Block 14, and dates in Block 15.

13. Organization

14. Print and Sign (if applicable)

15. Date (if applicable)

QA

SME

MGR

JOHN HOPKINS

P.S. LAURIN

11/16/94

11-16-94

11/16/94

11/16/94

16. Originator's Supervisor (print/sign/date)

P.S. LAURIN

17. Assigned SME/Phone/Page/Location

JOHN HOPKINS

22. Accelerated Review?

Yes ☐ No ☒

24. Responsible Manager (print, sign, date)

P.S. LAURIN

11/16/94

18. Cost Center

3111

19. Charge Number

989516 00

20. Requested Completion Date

21. Effective Date

REVIEWED FOR CLASSIFICATION/UCNI

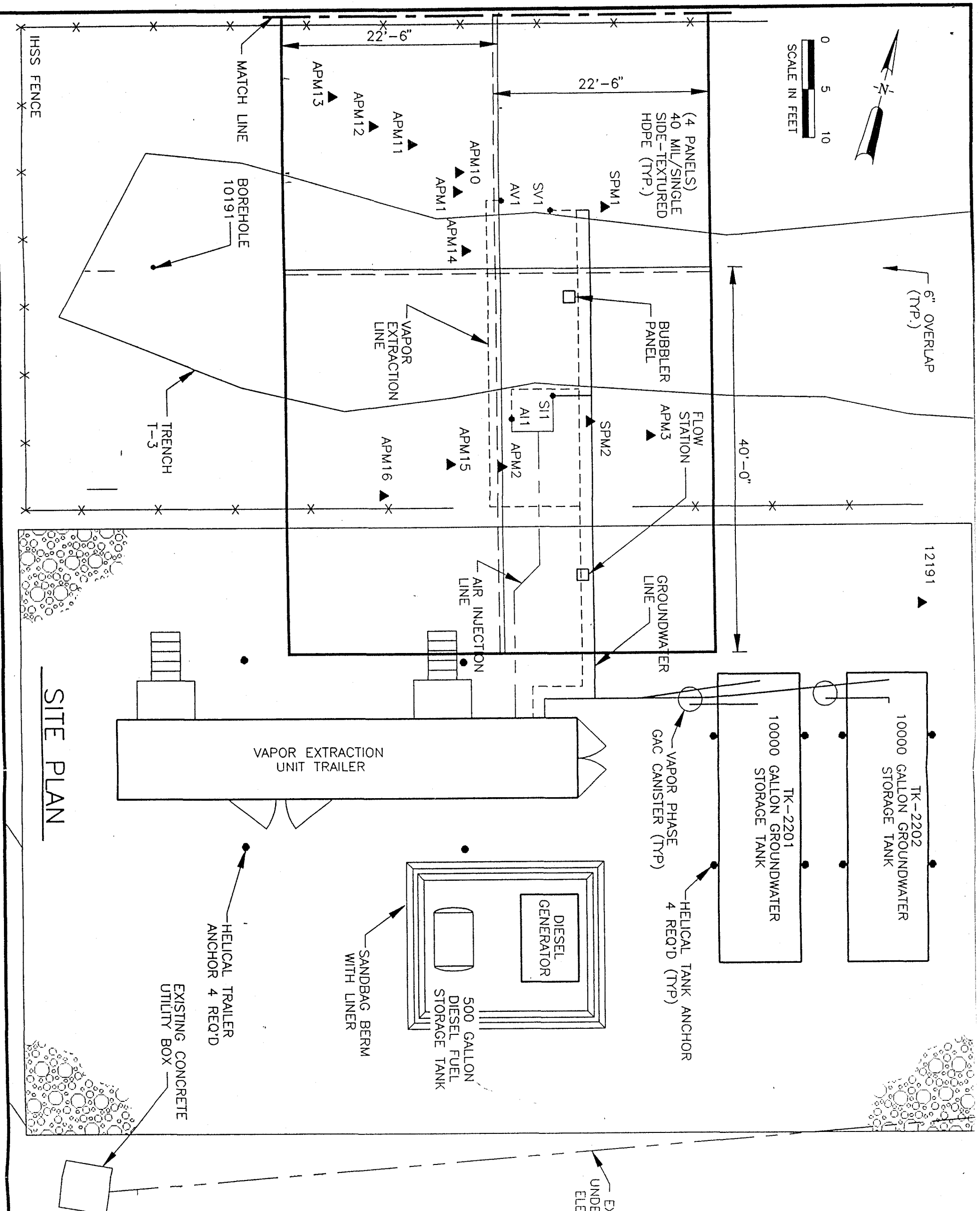
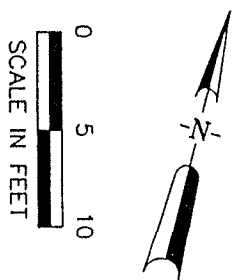
BY NA

DATE NA

94-DmR-ERM-0141
A temporary geomembrane consisting of four panels of 40 mil High Density Polyethylene (HDPE) textured on one side to provide slip protection will be placed on the ground over trench T-3. The panels will be joined, as shown in Figure 2.3-1, with approximately 0.5 feet of overlap with a synthetic double back tape supplied by the manufacturer. These seams will then be sealed with a sealant tape supplied by the manufacturer. Large penetrations (those larger than 2 inches in diameter) in the geomembrane will be made by making a cut at the edge of the panel and working it out to the penetration. Smaller penetrations will be made by making a cut at the penetration location. Penetrations will be taped. Quality control of this geomembrane will include inspection of material for flaws and tears and visual inspection of seam taping.

94-DmR-ERM-0141
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RETS/UP-CU 2.5
Rev. 2, Final



SITE PLAN

EXPLANATION

- LEGEND**
- SV1 VAPOR AND GROUNDWATER EXTRACTION WELL
 - AV1 VAPOR EXTRACTION WELL
 - SI1 AIR INJECTION AND GROUNDWATER EXTRACTION WELL
 - AI1 AIR INJECTION WELL
 - APM MONITORING WELL
 - SPM BUBBLER PANEL / FLOW STATION
 - APM ALLIUM PRESSURE MONITORING WELL
 - SPM SANDSTONE PRESSURE MONITORING WELL
 - SV1 SANDSTONE EXTRACTION WELL
 - AV1 SANDSTONE EXTRACTION WELL
 - SI1 SANDSTONE INJECTION WELL
 - AI1 ALLIUM INJECTION WELL

- NOTES**
1. TRENCH BOUNDARY BASED UPON VISUAL INSPECTION.

U.S. DEPARTMENT OF ENERGY
Rocky Flats Environmental Technology Site
Golden, Colorado

OPERABLE UNIT NO.2
SUBSURFACE IM/IRA SOIL VAPOR EXTRACTION SITE 1
DRAFT PILOT TEST REPORT

SVE FACILITY
TEMPORARY CAP PLACEMENT

FIGURE 2.3-1 NOVEMBER 1994

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